The electrothermodiffusional method in a flat set-up. Bogdan Baranowski and Andrzej Fuliński (Polish Acad. Sci., Warsaw). *Roczniki Chem.* 33, 595-600(1968)(English summary).—The elec. thermodiffusional method applied heretofore in a cylindrical system for detn. of Soret coef. (*C.A.*, 52, 6897g) is proposed for a flat set-up, useful for practical applications. The soln. to be sepd. should be placed between 2 parallel, flat walls, consisting of thin sheets of an insulator, with electrodes at the upper and lower ends of the walls. A general phenomenological theory is worked out for such system. The temp. gradient is given by: $dt/d\xi = -(\lambda M x_0/2b\hbar\lambda) - [(\sin A \xi)/\sin A]$. The max. temp. difference is given by: $\Delta t = \lambda M x_0 (1 - \cos A)/(2b\hbar\lambda \sin A)$. The convection velocity is expressed as: $s = B[\cos A\xi - \cos A + {}^1/{}_A(\cos A - (\sin A/A))](1 - \xi^2)]$, where $A^2 = \lambda U^2 m x_0/h^2 \lambda$ and $B = \lambda M g \rho x_0/\eta \hbar b \sin A$. The general flow equation is solved for initial and boundary conditions with the use of function G defined as $(\partial n/\partial y)G(x,y) = J_s = -(D/x_0)(\partial n/\partial \xi) + (D'2\Delta t x_0/\pi)$. In the equations, x, y, s are the geometrical co-ordinates, $2x_0$ is distance between the walls, h and b are the height and breadth of the walls, V is reservoir vol., t is temp., h is thermal cond. of the liquid, λ is elec. equiv. of heat, U is effective voltage applied to the working vol., x is specific cond., M is current power, η is viscosity coeff., g is gravitation, ρ is d., n is concn., r is time, J is flux vector, m is the mass passing per unit time, D and D' are coeffs. of thermal and ordinary diffusion, $\xi = x/x_0$, and $\epsilon = (1/\epsilon)(d\epsilon/dt)$. These equations can be simplified by neglecting the dependence of elec. cond. on temp. The changes of concn. in the reservoirs, expressed for the case $\epsilon = 0$, only, are given by: $n_d/n_g = [1 + \tanh\alpha(1 - e^{-\gamma m h r})]/[1 - \tanh\alpha(1 - e^{-\gamma m h r})]$, where n_g and n_d are the concns. in the upper and lower container, resp., and $\alpha = 155903 h D' x/1230 x \Delta \eta$ and $\gamma = 8 b x D'(\Delta t)^4 \eta g x_0/1575 V D \eta$. The results obtained were compared with those of the thermogravitational method, showing a much better sepn. by the elec. thermodiffusional method. A. Kreglewski

FULINSKI, A

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 32, No, 4, 1958

FULINSKI, A.   Stationary electrolysis in systems without convection. I

Thermodynamic theory. p. 863

Monthly List of East European Accessions   (EEAI) LC Vol. 8, No. 4
                                                   April 1959, Unclass

Andrzei Poliński

7

Stationary electrolysis in systems without convection. I. Thermodynamical theory. Bogdan Baranowski and Andrzei Pollaski (Polish Acad. Sci., Warsaw). *Rocznihi Chem.* 32, 871-85(1958)(English summary).—The stationary state was considered from the point of view of thermodynamics of irreversible processes for a liquid soln. of N components (ions and uncharged mols.) placed between parallel electrodes reversible to one ion. An external potential was applied to these electrodes, making natural convection impossible and leading to concn. gradients. Equations obtained are of fundamental importance for the theory of elec.-gravitational sepn. (*C.A.* 52, 19583c), for they give the initial equations for detg. the course of changes of concn.

and of the limiting c. d. Some special cases, as dil. and ideal solns., are discussed. The equation for c.d. in a binary ideal soln. is analogous to that derived by Murphy (*C.A.* 48, 1860f). The theory postulates the possibility of sepn. of neutral components, which follows from purely thermodynamic or kinetic reasons. A. Kreglewski

BARANOWSKI, B.; FULINSKI, A.

    Mass and energy transfer in a polythermic many-component two-phase
system. Bul.Ac.Pol.chim.   7 no.12:911-916 '59.   (EEAI 9:5)

    1. Institute of Physical Chemistry, Polish Academy of Sciences.
                   (Systems (Chemistry))

FULINSKI, A.

7 Transfer of mass in an isothermic multicomponent two-phase system, as described by the thermodynamics of irreversible processes. B. Baranowski and A. Fuliński (Inst. Chem. Fizycznej P. A. N., Warsaw). Bull. acad. polon. sci., Ser. sci., Chim., geol. et geograph. 7, 627-62(1959)(in English).—Phenomenological equations are derived for a 2-phase isothermal-isobaric system with no chem. reactions. Besides the terms describing the equil. partition, new "kinetic" terms appear in stationary states.   J. Steckl

FULINCKI, Andrzej

Thermodynamic theory of electrochemical corrosion. I. Several
simultaneous cathodic semireactions and one anodic semireaction.
Rocz chemii 34 no.2:513-527 '60.   (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa
        (Cathodes)   (Electrochemistry)
        (Electrolytic corrosion)   (Anodes)

BARANOWSKI, Bogdan; FULINSKI, Andrzej

Electrogravitational enrichment of water solutions of cupric sulfate
at a small distance between electrodes. Rocz chemii 34 no.2:587-600
'60.   (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa.
      (Copper sulfate)   (Water)   (Solutions)

FULINSKI, Andrzej

Themodynamic theory of electrochemical corrosion. II. Several simultaneous anodic and cathodic semireactions. Rocz chemii 34 no.2:655-667 '60.   (EEAI 10:1)

1. Instytut Chemii Fizycznej Polskiej Akademii Nauk, Warszawa.
        (Anodes)   (Electrochemistry)
        (Electrolytic corrosion)   (Cathodes)

FULINSKI, Andrzej

Electrolysis in systems without convection. II. Phenomenological theory of the nonstationary process. Rocz chemii 34 no.3/4:1077-1088 '60.   (EEAI 10:3)

1. Institute of Physical Chemistry, Polish Academy of Science, Warszawa.
        (Electrolysis)

BARANOWSKI, Bogdan; FULINSKI, Andrzej

Thermodynamics of irreversible processes of two-phase systems. I. Iso-
thermal manycomponent systems without chemical reactions. Rocz chemii
35 no.4:1103-1116 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw.

S/081/63/000/001/027/061
B144/B186

AUTHOR: Fuliński, Andrzej

TITLE: Electrogravitational separation measurements for large gaps
between the electrodes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 98, abstract
1B686 (Roczn. chem. v. 35, no. 5, 1961, 1351-1362 [Eng.;
summaries in Pol. and Russ.])

TEXT: In continuation of previous studies (RZhKhim, 1961, 7B596), the
electrogravitational separation was measured in the case of the gap
between the electrodes being greater than the total thickness of the
anodic and cathodic diffusion layers. $CuSO_4$, $ZnSO_4$ + $CuSO_4$ and $CdSO_4$
solutions were studied with Cu or Cd electrodes. The enrichment of the
near-electrode layer increases with increased concentration and constant
current density and is independent of the gap between the electrodes.
Comparison of the results with the theory shows that the experimental
values of the enrichment are usually higher than those calculated, which
is explained by the approximation character of the theory. The possi-
Card 1/2

Electrogravitational separation ...   S/081/63/000/001/027/061
                                         B144/B186

bilities and advantages are discussed of applying electrogravitational.
separation to the enrichment of dilute solutions. [Abstracter's note:
Complete translation.]

Card 2/2

BARANOWSKI, Bogdan; FULINSKI, Andrzej

Thermodynamics of two-phase irreversible processes. II. Polythermic manycomponent systems without chemical reactions. Rocz chemii 35 no.5: 1459-1476 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw.

FULINSKI, Andrzej

Inelastic scattering of slow neutrons and the behavior of a
single particle in the many-particle scattering system.
Acta physica Pol 22 no.5:399-407 N '62.

1. Institute of Nuclear Physics, Krakow-Bronowice.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated systems. Pt.1. Acta physica Pol 23 no.1:93-99 Ja '63.

1. Department of Theoretical Chemistry, Jagellonian University, Krakow.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated systems.
Pt. 2.   Acta physica Pol 23   no.2:159-165 F '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

FULINSKI, Andrzej

Statistical and thermodynamic description of correlated systems.
Pt. 3. Acta physica Pol 23 no.6:773-781 Je '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

FULINSKI, Andrzej

Statistical and thermodynamical description of correlated
systems. Pts.4-5. Acta physica Pol 24 no.2:143-164 Ag '63.

1. Department of Theoretical Chemistry, Jagellonian University,
Krakow.

ACCESSION NR: AP4040385   P/0045/64/025/004/0505/0573

AUTHOR: Fulinski, A.

TITLE: On the intermediate representation in the thermodynamics of irreversible processes

SOURCE: Acta physica polonica, v. 25, no. 4, 1964, 565-573

TOPIC TAGS: irreversible process, irreversible process intermediate representation, irreversible process phenomenological equation, phenomenological coefficient, phenomenological coefficient matrix

ABSTRACT: The properties of intermediate representation in the thermodynamics of irreversible processes are described in detail. In this representation m forces and $(n - m)$ fluxes are selected as n independent variables and the remaining $(n - m)$ forces and m fluxes as linear functions of the first n ones. Denoting independent variables by Y and dependent ones by Z, the phenomenological equation is written as $|Z> = M|Y>$, where M is the matrix of

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ACCESSION NR: AP4040385

phenomenological coefficients, $Z_i = \bar{\Sigma}_k M_{ik} Y_k$, and $|>$ denotes a one-column matrix; that is,

$$<Z| = ||J_1 \ldots J_m X_{m+1} \ldots X_n||$$

$$<Y| = ||X_1 \ldots X_m J_{m+1} \ldots J_n||,$$

where J_k are the fluxes and X_k the forces. On ivestigating the symmetry properties, physical meaning, and transformation properties of this representation, it was found that the matrix M consists of four submatrices: two symmetric square submatrices M^{mm} and $M^{\mu\mu}$ of order (m x m) and (n - m) x (n - m) respectively, and of two mutually antisymmetric rectangular matrices $M^{m\mu}$ and $M^{\mu m}$ of order (m x (n - m)) and ((n - m) x m) respectively. The symmetry properties for the matrix M are: $M^{mm} = (M^{mm})^T$, $M^{\mu\mu} (M^{\mu\mu})^T$, $M^{m\mu} = -(M^{\mu m})^T$, i.e., the whole matrix M is not symmetric. For the physical meaning it is shown that the submatrix M^{mm} shares the physical character of the admittance (conductivity matrix), the submatrix $M^{\mu\mu}$ shares the

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ACCESSION NR: AP4040385

physical character of the resistance matrix whereas submatrices M^{mu} and M^{um} have no definite physical character as being the products of factors of the resistance and conductivity type. It is also shown that the transformation of Coleman and Truesdell, given in Coleman, B. D. and C. Truesdell, Journal of Chemical Physics, v. 33, 1960, 28 is a special case of intermediate representation. Orig. art. has: 40 formulas.

ASSOCIATION: Katedra chemii teoretycznej UJ, Krakow (Department of Theoretical Chemistry, Jagellonian University)

SUBMITTED 18Oct63

SUB CODE: GC

DATE ACQ: 18Jun64

NO REF SOV: 000

ENCL: 00

OTHER: 006

Card 3/3

FULINSKI, A.

Statistical mechanical evaluation of the slow neutron scattering function. Acta physica Pol 26 no.1:19-30 Jl '64.

1. Department of Theoretical Chemistry, Jagiellonian University, Krakow.

FULINSKI, Andrzej

Statistical-mechanical theory of incoherent Van Hove's Scattering
function for thermodynamic systems. Acta physica Pol 27 no.2:
245-258 F '65.

1. Department of Theoretical Chemistry of the Jagiellonian
University, Krakow. Submitted May 8, 1964.

L 64649-65   EWT(1)/EWG(m)/ETC(m)   JW

ACCESSION NR: AP5009955

AUTHOR: Fuliński, Andrzej (Krakow)

PO/0045/65/027/002/0245/0258

TITLE: Statistical-mechanical theory of incoherent Van Hove scattering function for thermodynamic systems

SOURCE: Acta physica polonica, v. 27, no. 2, 1965, 245-258

TOPIC TAGS: incoherent scattering, Van Hove scattering function, thermodynamics, neutron scattering, perturbation theory

ABSTRACT: Using the so-called second quantization formalism, the incoherent scattering function $S_{inc}(Q,\omega)$ is found to be related (in some energy range) in a simple way to the average occupation numbers $\langle N(p)\rangle$ (being M.-B., F.-D., or B.-E. distributions for non-ideal systems of interacting particles). This gives the possibility of determining $\langle N(p)\rangle$ from incoherent scattering experiment, especially, from slow neutron scattering by thermodynamic systems, and, on the other hand, permits calculating the scattering function using, e.g., the (temperature-dependent) perturbation theory. It is found, among other things, that the coherent part of scattering tends towards zero for ideal Boltzmann systems. It is, however, no

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L 64649-65

ACCESSION NR: AP5009955

longer valid for ideal quantum systems. The perturbational corrections are given for Boltzmann systems and it is found that the interaction between the particles of the scattering system can cause a decrease in the cross section. The perturbational corrections depend on the proper form of the potential of interaction between particles of the scatterer. Orig. art. has: 47 formulas.

ASSOCIATION: Department of Theoretical Chemistry, Jagellonian University, Cracow

SUBMITTED: 08May64　　　　　ENCL: 00　　　　　SUB CODE: NP, TD

NO REF SOV: 000　　　　　OTHER: 018

Card 2/2

L 45368-66   IJP(c)   AT

ORG: *[Fujita] Department of Physics, The University of Oregon, Eugene, Oregon, USA; [Fulinski] Department of Theoretical Chemistry, Jagellonian University, Cracow

TITLE: Connected diagrammatic expansion in nonequilibrium statistical mechanics

TOPIC TAGS: nonequilibrium mechanics, nonequilibrium statistics, noninteracting electron, electromagnetic field

ABSTRACT: The diagonal singularity condition of Van Hove (Van Hove, L. Physica, 21, 517(1955) and 23,441(1957) is examined for a system of noninteracting electrons in an impurity field. It is found that this condition is closely related to the spatial localization of interaction processes. The authors propose for nonequilibrium problems, a connected diagrammatic expansion whose validity rests directly on the localization property of interaction processes. The expansion is developed independently

Card   1/2

L 43300-66

ACC NR: AP6026999   /

of any representation and is suited for dealing with uniform or nonuniform systems
under the influence of electromagnetic fields. The authors wish to express their
sincere thanks to Professor I. Prigogine for his enlightening criticism. They wish
to thank Drs. P. Resibois and R. J. Swenson and Mr. F. Mayne for valuable dis-
cussions. Author Fujita wishes to thank Professor W. Thirring, the Director of the
Institute for Theoretical Physics, University of Vienna, for his kind hospitality.
Author Fulinski wishes to thank the Belgian Government for the "bourse de recherche".
[Author's abstract.]   [KS]

SUB CODE: 20/   SUBM DATE: 03Dec65/   OTH REF: 015/

Card 2/2

L 45370-66   T/EWP(k)

ACC NR: AP6027000   SOURCE CODE: PO/0045/66/029/005/0691/0697

AUTHOR: Fulinski, A.

ORG: Department of Theoretical Chemistry, Jagellonian University, Cracow

TITLE: Total scattering cross section of slow neutrons in an acoustical field

SOURCE: Acta physica polonica, v. 29, no. 5, 1966, 691-697

TOPIC TAGS: slow neutron, neutron scattering, acoustic field, scattering cross section

ABSTRACT: The total cross section for the scattering of slow neutrons by systems in an acoustical (ultrasonic) field is calculated. It is found that the action of the field alters particular features of the cross section as a function of the initial energy of neutrons. As an example, the cross section for an ideal-gas scatterer is calculated, and it is found that the scatterer in the presence of the field cuts off the low-energy part of the indicent neutron beam. The possibilities of using other

Card 1/2

L 45370-66

ACC NR: AP6027000

than an acoustical oscillating field are also mentioned. However, in order to obtain observable effects, strong fields are needed. Orig. art. has: 1 figure and 3 formulas. [Author's abstract]   [KS]

SUB CODE: 20/   SUBM DATE: 05Dec65/ ORIG REF: 001/ OTH REF: 002/

Card 2/2

FULINSKI, Wojciech

New circuits for differential compensation testing of potential
transformers. Rozpr elektrotech 10 no.3:259-306 '64

1. Department of Electric Measurements, Technical University,
Wroclaw.

FUL'KA, Iozef [Fulka, Josef]; MATOUSHEV, Iozef [Mataushek, Josef];
      NOVOTNYY, Stanislav [Novotny, Stanislav]

      Studies and practices in artificial insemination of animals
      in Czechoslovakia. Zhivotnovodstvo 23 no.7:87-91 Jl '61.
                                          (MIRA 16:2)
      1. Akademiya sel'skokhozyaystvennykh nauk Chekhoslovatskoy
      Sotsialisticheskoy Respubliki, laboratoriya biologii
      razmnozheniya.
               (Czechoslovakia--Artificial insemination)

CZECHOSLOVAKIA/Farm Animals. General Problems   Q-1

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35598

Author   : Fulka J.
Inst   : Not Given
Title   : The Preservation of Semen by Means of Deep-Freezing and the
            Utilization of this Method under Practical Conditions

Orig Pub : Nas chov, 1957, No 16, 445

Abstract : To the diluted semen at a temperature of +7° to +8°C, glycer-
            ine is added 3-4 times with intervals of 15-20 min., until
            a concentration of 8-10% is reached. The mixture is allowed
            to stand for 12-18 hours at a temperature of +5°, and then
            it is slowly frozen by means of alcohol and dry ice. In the
            cooling process, from +5° down to -15°, the ratio of the de-
            crease of temperature should be 1°-2° per one min., and from
            -15° to -79°, the ratio should be 5°. The defrosting of se-
            men before using it must be effected as rapidly as possible,
            in water, at a temperature of 36°-39°. The experiments in
            the use of this method, carried out at one of the A.B. sta-
Card   : 1/1   tions in Czechoslovakia, produced good
                                                            results.

                                  5

SMIRNOV, A.

"Results of the research on artificial insemination and on the biology of the reproduction of domestic animals."

p.103 (Sbornik, Moskovskaya Ordena Lenina... Academia, Vol. 5, no. 2, 1955, Moscow, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) Vol. 7, No. 7, 1958

FULKA, J.

"Some problems concerning the biology of propagation and insemination
of domestic animals." p. 171.

VESTNIK. Praha, Czechoslovakia, Vol. 6, No. 3, 1959

Monthly list of East European Accession Index (EEIA), Library of Congress,
Vol. 8, No. 7, July, 1959, Unclassified

L 13462-66

ACC NR: AP6006018   SOURCE CODE: CZ/0053/65/014/004/0280/0280

AUTHOR: Klen, R.; Fulka, J.

ORG: Central Tissue Laboratory, Faculty Hospital, KUNZ, Hradec Kralove (KUNZ Fakultni nemocnice - Tkanova ustredna); Laboratory of Physiology and Genetics of Animals CSAZV, Libechov (CSAZV - laborator fysiologie a genetiky zivocichu)

TITLE: Application of pressure in the convervative of semen by freezing [This paper was presented during Biophysical Days, Brno, 12 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 280

TOPIC TAGS: biologic reproduction, animal physiology

ABSTRACT: Study of bull spermatozoa freezing aiming to utilize the role of changes in pressure to optimize the equilibrium ice: steam indicates that the best pressure in 1000 atmospheres at temperature of -65° C. /JPRS/

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

CZECHOSLOVAKIA

VALENTA, M.; KULKA, J.; JELINEK, S.; Laboratory of Physiology and of Genetics, Czechoslovak Academy of Sciences (Laborator Fysiologie a Genetiky CSAV), Libechov.

"The Influence of Testicular Desoxyribonucleoproteins on Spermatogenesis."

Abstract: Antispermatogenic activity of desoxyribonucleic acids (DNA) and desoxyribonucleoproteins (DNAP) isolated from testicles of adult bulls, boars and rabbits was tested. Injection of 40 mg of DNAP introduced into testicles reduced the size and weight of the testicles to 1/3 of the original size in 2 to 3 weeks. Sexual activity was not influenced. The spermatozoa of such males were pathologically altered. Injection of 30 mg of DNA did not influence the testicles. 3 Western, references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice 10 Dec 65.

FULLER, F.

FULLER, F. Let us increase the number of number of universal tractors. p. 1.

COUNTRY   : Poland   E-12
CATEGORY   : Physical Chemistry--Electrochemistry.

ABS. JOUR.   : RZKhim., No. 16 1959, No.   56523

AUTHOR   : Baranowski, B. and Fullinski, A.
INST.   : Not given
TITLE   : Steady-State Electrolysis in Convection-Free
                 Systems. I. Thermodynamic Theory.

ORIG. PUB.   : Roczniki Chem, 32, No 4, 671-683 (1958)

ABSTRACT   : The authors have continued the development of
                 the theory of electrogravimetric   separation
                 (RZhKhim, No 10, 1958, 31357; No 3, 1959, 7658).
                 For the determination of the coefficients in the
                 theoretical equations proposed earlier, the
                 authors have derived differential equations for
                 the concentration gradients and for the current
                 density in an equilibrium multicomponent liquid
                 system placed between two flat horizontal elec-
                 trodes which are reversible with respect to one

CARD: 1/3

                              49

COUNTRY : Poland
CATEGORY :   B-12

ABS. JOUR. : RZhKhim., No. 16   1959, No.   56523

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : of the ions present in solution. The polarity
of the potential applied to the electrodes is
selected so as to exclude the possibility of
natural convection in the system. The derivation
makes use of equations proposed earlier (RZhKhim,
No 18, 1956, 57608). A number of special cases
are discussed: dilute solutions, ideal solutions,
solutions containing a limited number of ions,
etc. The possibility of carrying out an electro-
gravitational separation of uncharged substances

CARD: 2/3

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : in solutions containing as little as one sub-
stance capable of reacting at the electrodes has
been established. Such a separation is made pos-
sible by the nonideal nature of the solution or
by high concentrations as well as by selective
solvation.

                                        S. Kaplan

CARD: 3/3

AUTHORS: Ful'makht, V.V., Kan, Ye.M. and Chumichev, A.G., Engineers

TITLE: The Largest Installation in the World for the Continuous
           Casting of Steel (Samaya krupnaya v mire ustanovka
           nepreryvnoy razlivki stali)

PERIODICAL: Metallurg, 1958, Nr 6, pp 15 - 17 (USSR)

ABSTRACT: The authors describe a four-machine, continuous-casting
       installation designed jointly by the Giprostal' and the
       Tsentral'nyy nauchno issledovatel'skiy institut chernoy metall-
       urgii (Central Research Institute for Ferrous Metallurgy).
       This installation is being built in the melting shop of the
       Stalino Metallurgical Works for casting four billets or slabs
       simultaneously of carbon and low-alloy steels from 140-ton
       ladles. Thickness and width ranges are 120-250 and 600-1200 mm,
       respectively and casting speed is 0.6-1.2 m/min. All units are
       in a 25-m dia. reinforced concrete-faced pit with its bottom
       24 m below floor level; the pouring platform is 3 m above it.
       The platform has four 14-ton tundishes, two of which are in
       reserve. The tundishes can be quickly moved with the aid of
       rotary and lifting tables. The four moulds are of the
       independent-wall construction and each wall consists of an inner
       copper and an outer cast-iron plate with channels for cooling
       water between them; the mould for a particular size of billet

Card1/3

SOV/130-58-6-7/20
. The Largest Installation in the World for the Continuous Casting of
Steel

    is assembled in a special holder. There is a special device
for lubricating the inner walls when pouring starts. The
casting is started with the aid of three-part primer, 13.8 m
long, with a swallow-tail top which forms a bottom for the
mould. The primer is lowered by the machine roller system and
is split into its component parts and stored. Each directing
roller-section, with a total length of 10.5 m, consists of an
upper and a lower part, the rollers being 140 x 1 200 mm. The
billet is spray-cooled as it passes down the section and then
enters the drawing stand provided with hollow, water-cooler
rollers. Under each drawing stand is a flame-cutting install-
ation which cuts the billet into lengths of 4.2 - 5.2 m. The
cutting system descends at the casting speed and can be raised
at 0.3 m/sec. The cut billets are raised by 16-ton lifts (one
for each pair of machines) to the floor level. Instrumentation
is provided on panels at the pouring and intermediate levels,
television is available for remote observation and a loudspeaker
system for intercommunication. A model of the installation is
on exhibition at the Brussels fair. An annual saving of 9.4

Card 2/3

SOV/130-58-6-7/20

The Largest Installation in the World for the Continuous Casting of
Steel

      million roubles is expected from the use of the continuous
      instead of ordinary methods of casting.
      There are two figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut
            chernoy metallurgii (Central Research Institute for
            Ferrous Metallurgy)

Card 3/3   1. Steel — Casting 2. Industrial plants – Equipment

BOYCHENKO, Mikhail Stepanovich; RUTES, Viktor Savel'yevich; FUL'MAKHT,
Veniamin Veniaminovich; TIMOSHENKO, N.N., red.; POZDNYAKOVA, G.L.,
red. izd-va; KARASEV, A.I., tekhn. red.

[Continous casting of steel] Nepreryvnaia razlivka stali. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1961. 301 p.   (MIRA 14:10)
              (Continuous casting)

SALIN, A.A.; FUL'MAN, N.I.

Combined effect of antimony and impurities on the elctrolysis of
zinc sulfate solutions. TSvet.met. 26 no.4:31-40 Jl-Ag '53.

(MIRA 10:10)

(Antimony)   (Zinc sulfate)   (Electrolysis)

FULMAN, N. I.   (VNIITsvetmet, Ust'Kamenogorsk)

"On electrolysis of zinc at super-high current densities (to 20000 a/m^2) on an electrolyzer with revolving socket cathode".

Report presented at the Intervuz Conference on Electrodeposition of Nonferrous Metals, Ural Polytechnical Institute im S. M. Kirov, Sverdlovsk, held from 27-30 May 1963.

(Reported in Tsvetnyye Metally, No. 10, 1963, pp. 82-84)
JPRS 24,651.   19 May 1964

L 40918-66   EWT(m)/EWP(t)/ETI   IJP(c)   JD/JG
ACC NR: AP6020736   SOURCE CODE: UR/0136/66/000/006/0039/0044

AUTHOR: Ful'man, N. I.; Sokratova, L. A.; Shkuratova, L. I.

ORG: none

TITLE: Manufacture of high purity metals by amalgam refining

SOURCE: Tsvetnyye metally, no. 6, 1966, 39-44

TOPIC TAGS: amalgam, metal purification, zinc, indium, lead, cadmium, bismuth

ABSTRACT: The report describes and illustrates an electrolytic bath installation employing the selective solvent capacities of mercury and the selective charge properties of amalgams to derive high purity metals even from solutions containing impurities. The amalgam is produced by using mercury-soluble metal to be refined as the anode and the mercury as the cathode, or by dissolving powder, shavings, or solid metal in Hg while heating. The bath consists of an anode chamber, a cathode chamber and several intermediate compartments, all equipped with mixers and separated by partitions which terminate above the floor at the level of mercury occupying the entire bottom of the bath. The amalgam solution above the mercury can migrate from one chamber to another only through the mercury at the bottom. The process described was used to produce Zn, Zn powder, Pb, Cd, Bi, and In. The com-

Card 1/2   UDC: 669.2/.8:669.791.5

L 40918-66

ACC NR: AP6020736

position of initial electrolytes and optimal parameters of the process are listed. The process has been under development at the VNIITSvetmet for several years. The metals produced by this method are up to world standards. A serious obstacle in the further increase in the purity of metals produced is the low sensitivity of the existing metal analysis methods. The work on producing the zinc was performed by E. I. Urubkova and Ye. S. Penkina, and the work on producing indium by P. P. Tsyb and V. I. Mal'tsev.   Orig. art. has: 2 tables and 3 figures.

SUB CODE: 11, 13/ SUBM DATE: 00/ ORIG REF: 009/ OTH REF: 003

Card   2/2   11b

BALKANYI, Bertalan, okleveles kozgazdasz; FALLER, Gusztav, okleveles
banyamernok; FULMER, Jozsef, okleveles banyamernok

Some interesting data on the Moscow Mining Institute and
its research in mining economics. Bany lap 97 no. 5: 334-
336 My '64.

1. Ministry of Heavy Industry (for Faller).
2. Mecsek Coal Mining Trust (for Fulmer).

FULOP, Attila, dr., allatorvɔs

Secondary abdominal pregnancy in cattle. Magy allatorv lap 19
no.4:159 Ap '64.

FULOP, Bela, dr.

Favorable treatment of functional phonation disorders by novocaine
infiltration of the nervus laryngeus superior. Magy. sebeszet 7
no.6:468-471 Dec 54.

1. A Hevesmehyei Tanacs Korhaza Ful-, Orr-, Gegeosztalyanak
kozlemenye, Eger. Foorvos: Fulop Bela dr.
        (VOICE
            aphonia, ther., procaine infiltration of superior
            laryngeal nerve)
        (PROCAINE, ther. use
            aphonia, infiltration of superior laryngeal nerve)
        (LARYNX, innerv.
            supperior laryngeal nerve, precaine infiltration in
            ther. of aphonia)

HUNGARY/Human and Animal Physiology (Normal and Pathological)   T
Internal Secretion. Adrenals.

Abs Jour   : Ref Zhur Biol., No 6, 1959, 26834

Author   : Csordas, J., Fulop, T., Fulop, E., Schneider, J.
Inst   : -
Title   : The Influence of Chronic Malnutrition on the Functional
Ability of the System Hypophysis-Adrenal Cortex.

Orig Pub   : Acta physiol. Acad, sci. hung., 1956, 9, Suppl., 35

Abstract   : No abstract.

Card 1/1

FULOP, Elemer, okleveles kohomernok

The effect of sulphur-manganese relationship on the shape of the
tempered coal. (To be contd.). Koh lap 93 no.5: Suppl. Ontode 11
no.5:112-118 My '60.

FULOP, Elemer   okleveles kohomernok

The effect of sulfur-manganese relationship on the shape of the
tempered carbon. Koh lap 93 no.6: Suppl: Ontode 11 no.6:133-137
Je '60.

FULOP, Elemer, okleveles kohomernok

Desoxidizing, desulfurizing and graphitizing effects of aluminum and their influence on the strength properties of the malleable cast iron. Koh lap 93 no.10: Suppl: Ontode 11 no.10:235-240 O '60.

FULOP, Elemer, okleveles kohomernok

Desoxidizing, desulfurizing, and graphitizing effects of aluminum
and their influence on the strength properties of malleable cast
iron. Koh lap 93 no.9: Suppl: Ontode 11 no.9:209-213 S '60.

FULOP, Eva

Cases of lichen ruber planus cured by ACTH. Borgyogy. vener. szemle 11 no.4:151-154 Aug 57.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajanak (I gazgato: Foldvari Ferenc dr. egyetemi tanar) kozlemenye.
        (LICHEN PLANUS, ther.
              ruber, ACTH (Hun))
        (ACTH, ther. use
              lichen ruber planus (Hun))

SZASZI, Eva, dr.; FULOP, Eva, dr.

Our experiences with the treatment of patients with alopecia by implants of the hypophysis. Borgyogy. vener. szemle 37 no.4:174-176 Jl '61.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajanak (Igazgato: Foldvari Ferenc dr. egyetemi tanar) koslemenye.

(PITUITARY GLAND transpl)   (ALOPECIA ther)

FOLDVARI, Ferenc, dr.; VERTES, Bodog, dr.; FULOP, Eva, dr.

On the pathomechanism and importance of cutaneous atrophy caused by steroids. Borgyogy. vener. szemle 37 no.6:241-245 D '61.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinikajanak (Igazgato: Foldvari Ferenc dr. egyetemi tanar) kozlemenye.

(STEROIDS toxicol)   (SKIN dis)

FULOP, Eva, dr.

    Experiences with steroid therapy of patients with alopecia. Orv. hetil.
103 no.9:408-409 Mr '62.

    1. Budapesti Orvostudomanyi Egyetem, Bor- es Nemikortani Klinika.

       (ALOPECIA ther)   (PREDNISOLONE ther)

FOLDVARI, Ferenc, dr.; VERTES, Bodog, dr.; FULOP, Eva, dr.

On the pathomechanism of skin hemorrhages during steroid treatment.
Borgyogy. vener. szemle 39 no.3:97-101 Jb '63.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinika-
janak (Igazgato: Foldvari Ferenc dr. egyetemi tanar) kozlemenye.
      (PURPURA) (STEROIDS)   (ADRENAL CORTEX HORMONES)
           (PEMPHIGUS)   (LUPUS ERYTHEMATOUS, SYSTEMIC)

HUNGARY

FULOP, Eva, Dr. SIMONYI, Janos, Dr; Medical University of Budapest, Derma-
tological and Venereological Clinic and II. Medical Clinic (Budapesti Orvos-
tudomanyi Egyetem, Bor- es Nemikortani Klinika es II. Belgyogyaszati Klinika).

"Systemic Lupus Erythematosus Manifested by Severe Skin Lesions, After
Splenectomy."

Abstract: [Authors' Hungarian summary] The medical history of a 16 year-old
girl is described. At the beginning of the second year after the appearance
of the first symptoms (monosystemic L.E.), an unusually large, pressure-
sensitive spleen developed. Splenectomy was performed because of suspicion
of venous thrombosis of the spleen. After this, the SLE manifested itself
in severe skin lesions and the patient died. In cases of SLE, where idio-
pathic thrombocytopenia is not present, splenectomy seems to be disadvan-
tageous.

1/1

FULOP, Eva, dr.; TOTH, Gyula;

2 cases of extensive leiomyoma. Borgyogy vener. szemle. 40
no.4:178-179 Ag '64.

1. A Budapesti Orvostudomanyi Egyetem Bor- es Nemikortani Klinika
(igazgato: Foldvari Ferenc dr. egyetemi tanar) kozlemenye.

FULOP, Eva, dr.

Cases of herpes zoster during a prolonged steroid therapy.
Orv. hetil. 105 no.27:1273-1275   5 Jl'64

1. Budapesti Orvostudomanyi Egyetem, Bor- es Nemikortani
Klinika.

Obstetrics and Gynecology

HUNGARY

TOTH, Bela, Dr, FULOP, Eva, Dr, SIMON, Jozsef, Dr; XIX. District Council
Ambulant Specialist Services (XIX. Keruleti Tanacs Szakrendelo Intezet), and
Capital City Istvan Hospital, Obstetrical-Gynecological Ward (chief physician
in charge of the region: SZOLNOKI, Ferenc, Dr) (Fovarosi Istvan Korhaz, Szulo-
Nobeteg Osztaly), and Medical University of Budapest, Dermatological-Venereo-
logical Clinic (director: FOLDVARI, Ferenc, Dr) (Budapesti Orvostudomanyi
Egyetem, Bor- es Nemikortani Klinika).

"The Interrelationship Between Diffuse Scleroderma and Pregnancy."

Abstract:[Authors' Hungarian summary modified] The interrelationship between
diffuse scleroderma and pregnancy was studied in three cases. All three
cases had a history of repeated, spontaneous abortions. In one case, the
pregnancies did not proceed past the first trimester and spontaneous abortions
occurred. In the other two cases, smaller fetuses than expected according to
their term, so-called "pseudo-premature" infants were delivered. In one case,
a severe developmental anomaly occurred following steroid treatment during
the pregnancy. In response to prolonged adrenocortical hormone treatment,
however, a secondary sterility was relieved in the early phase of the disease
in two cases. Because of the increased endogeneous ACTH effect during preg-
nancy, the condition of the patients was temporarily improved, without medica-
tion, both in the subjective sense and according to objective tests. After the

FULOP, Ferenc

Labor productivity in the field of transportation. Vasut 15
no.5:12-14 My '63.

1. Pecsi Igazgatosag osztalyvezetoje

FULOP, Ferenc (Pecs)

Role of the Hungarian State Railways in the transit of goods
arriving from the Adriatic harbors. Vasut 14 no.7:30-31 Jl
'64.

FULOP, Ferenc (Pecs)

Current problems of limestone transportation from Nagyharsany.
Vasut 15 no.1:13-14 Ja '65.

FULOP, Gabor

Interesting initiatives. Mezogaed techn 1 no.7:8 '61.

FULOP, Gabor

It is no longer a scarce item. Mezogazd techn 3 no.1:2-3 '63.

FULOP, Gabor

First plowing after the harvest. Mezogazd techn 3 no.7:
2-3 '63.

FRISS, Antal; FULOP, Istvan

    Modern production technology of cotton type polyamide yarns.
    Magy textil 17 no.1:19-25 Ja '65.

    1. Light Industry Designing Office, Budapest.

FULOP, Janos

Determination of the heat conduction factor of building
materials and thermal insulators from the transient thermal
condition. Epuletgepeszet 12 no.5:156-160 O '63.

1. Epitoipari Tudomanyos Egyesulet.

DARABOS, Laszlo, dr.,; FULOP, Jozsef, dr.

Research results on chromium allergy. Borgyogy. vener. szemle 8 no.5: 142-146 Sept 54.

1. Komarom Megyei Tanacs VB. Bor-es Nemibeteggondozo Intezetenek (Esztergom) es az Eternitgyar Uzemorvosi Rendelojenek (Nyergesujfalu) kozlemenye.
        (DERMATITIS, CONTACT, etiology and pathogenesis
            chromium)
        (CHROMIUM, injurious effects
            dermatitis, contact)

FULOP, J.

Geologic examination of the Mesozoic mound in Tata.   p. 309.
FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY, Budapest, Vol.
84, no. 4, Oct./Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

FULOP, J.

    Libor, O.; Meisel, J. Geologic and chemical examination of the deposit of glau-
conite in Bakonybel. p. 326.
    FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY, Budapest, Vol.
84, no. 4, Oct./Dec. 1954.

    SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
    Uncl.

FULOP, Jozef, dr.

DANYI, Mihaly, dr.; FULOP, Jossef, dr.; GYULAI, Erno, dr.; SCHULHOF,
Odon, dr.; Szanto, Laszlo, dr.

Spontaneous symmetrical fractures; Milkman's syndrome. Orv hetil
95 no.18:482-486 My '54.   (KEAL 3:8)

1. Az Orszagos Reuma es Furdougyi Intezet es a Balneologiai Kutato
Inteset (igazgato-foorvos: Dubovitz Denes dr., tudomanyos veseto
Schulhof Odon dr.) II. sz. Belosztalyanak (foorvos: Szanto Laszlo
dr.) Reuma Osztalyanak (foorvos: Schulhof Odon dr.) B-reuma
Osztalyanak (foorvos: Danyi Mihaly dr.) kozlemenye.
        (BONES, dis.
          *Milkman's synd.)

FULOP, JOZSEF

FULOP, Jozsef; WALKO, Rozsa

Myositis ossificans after hemiplegia. Magy radiol. 9 no.2:114-116
July 57.

1. Az Orszagos Rheuma es Furdougyi Intezet (igazgato: Dubovitz Denes
dr.) Rontgen Osztalyanak (foorvos: Fulop Jozsef dr.) kozlemenye.
        (HEMIPLEGIA, compl.
             myositis ossificans of hip (Hun))
        (MYOSITIS, etiol. & pathogen.
             ossificans of hip after hemiplegia (Hun))
        (HIP, dis.
             myositis ossificans after hemiplegia (Hun))

EXCERPTA MEDICA Sec 14 Vol 13/10 Radiology Oct 59

1950. ACETABULAR PROTRUSION - Protrusio acetabuli - Fülöp J. and
    Walko R. Országos Reuma és Fürdoügyi Intéz., Budapest - MAG.
    RADIOL., 1958, 10/4 (324-332) Illus. 8
Among 5,000 roentgenograms of the hip joint, 32 cases of acetabular protrusion
could be found: 28 occurred in female subjects, and 4 in males. Eighteen were
primary protrusions and 14 secondary, due to coxitis, Paget's disease, trauma,
tumour metastases, polyarthritis and Bechterew's disease. Primary protrusions
may be of hormonal origin. In certain cases, relief of the pains may be obtained by
radiotherapy. In cases with otherwise intractable pain, arthrodesis of the hip joint
may be considered.   Györgyi - Budapest (XIV, 9, 19)

FULOP, Jozsef

      Elemer Vadasz is 75 years old. Foldt kozl 90 no.1:3-7 Ja/Mr '60.
                                          (EEAI 9:8)

         (Vadasz, M. Elemer)
         (Geologists, Hungarian)

FULOP, Jozsef; HAMOR, Geza; HETENYI, Rudolf; VIGH, Gusztav

> Jurassic formations of the Vertes Mountains. Foldt kozl 90 no.1:
> 15-26 Ja/Mr '60.   (EEAI 9:8)
>   (Hungary--Paleontology)

FULOP, Jozsef, dr.ac.

The 1961 activity of the Hungarian State Instituto of Goology. Foldt kozl 92 no.3:336-337 J1-0 '62.

1. Magyar Allami Foldtani Intezet igazgatoja,es "Foldtani Kozlony" szerkeszto bizottsagi tagja.

HUNGARY

FULOP, Laszlo. Dr, ae gye veterinary specialist (megyei allatorvos);
Miskolc.

"Principles, Plans and Results in Attempts to Improve the Hygienic Food
Production in Borsod-Abauj-Zemplen Megye."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 2, Feb 63, pp 5-25.

Abstract: The author describes the findings of the testing of milk,
milk products, dairy equipment and the hygiene of dairy personnel and
of dairy animals, in Borsod-Abauj-Zemplen megye during 1961-1962. The
results showed a very serious need for the institution of order con-
ditions for pure milk production. Steps taken toward the securing of proper
the hygiene of the places of milk production, the securing of proper
material and equipment, the institution of a small-laboratory network,
and the development of the dairy houses of large farms, are described
in note 1. These efforts are considered to be helpful also in the even-
tual development of a national hygiene control regulation. There are
six Hungarian references.

1/1

FULOP, Jozsef, dr.; GECZY, Barnabas, dr.

Decision on the proposal made by the Luxemburg colloquium
on the Jurassic period. Foldt kozl 94 no.1:152-153
Ja-Mr '64.

1. President, Hungarian Committee, Mesozoic Mediterranean
Committee (for Fulop). 2. Secretary, Jurassic Subcommittee
(for Geczy).

FULOP, J.

> Conference on Lower Cretaceous Stratigraphy in Lyon.
> Foldt kozl 94 no.1:153-154 Ja-Mr '64.

FULOP, Jozsef, dr.; BALOGH, Kalman, dr.

Proposal for the nomenclature of the Lower Trias and the stratigraphy of the Rhaetic stage. Foldt. kozl 94 no.2:267-268 Ap-Je '64.

1. Editorial board member, "Foldtani Kozlony" (for Balogh).

FULOP, Jozsef, a fold-es asvanytani tudomanyok dokotra

A comprehensive geophysical survey of Hungary. Magy tud 72 no.1: 38-41 Ja '65.

1. Director, Hungarian State Geological Institute, Budapest.

L 13514-66

ABSTRACT: A historical survey of the work conducted at the Institute of Geophysics at the University of Budapest is followed by a brief report of its activities since the centralization of research activities and consequent expansion of the institute between 1948-51. The work at the Geophysical Observatory in Tihany began in 1954. The institute is now equipped with valuable instruments. Crude oil research has been conducted by an independent group since 1952. radioactive research has from the beginning been conducted by a separate geophysical service. Much work was done on the development and application of methods used for drilling test holes for coal, ore, mineral and water. Future plans should, in the author's opinion, include the systematic, comprehensive geophysical study of the country, the presentation of all results in the form of maps and monographs. The advanced study of the long-range promise of useful minerals and large scale practical aims may

Card 1/2

L 13514-66

ACC NR: AF6006883

decrease the risks of investment into them. A division of geological research tasks is needed with the present scale of activities. Some detailed practical plans are presented for the realization of these future requirements by the institute. [JPRS]

SUB CODE: 08 / SUBM DATE: none

Card 2/2 DR

HUNGARY

WALKO, Dr Rozsa, National Institute for Rheumatism and Curative Spas (Orszagos Reuma es Furdougyi Intezet)(Director: Prof Dr Karoly FARKAS, Doctor of Medical Sciences), X-Ray Department (Rontgen Osztaly)(Chief physician: Dr Jozsef FULOP, Candidate of Medical Sciences)

"Importance of Anterior Spondylitis and Spondylodiscitis in the Radiological Diagnosis of Bechtere's Disease"

Abstract /Author's English summary/: On the basis of the examination of 400 patients with Bechtere's disease, its early radiological symptoms are dealt with. Cuboid vertebrae were found in 43.5% of the patients and X-ray signs characteristic of anterior spondylitis were present in 5%. Among the examined patients, spondylodiscitis was found in 62 cases, especially women. In the case of early sacroiliac symptoms cuboid vertebrae were found in 10%, and spondylodiscitis in 16%. In the patients suffering from Bechtere's disease, the early demonstration of the radiological symptoms in the vertebral column is of great practical importance. 32 references, mainly Western.

1/1

BABAT, Gyorgy, testilmernok; FULOP, Jozsefne, dr., iparagi eloado; KISS, Janosne, textiltechnikus; BARAT, dr.

Standardization of knitting industry products. Szabvany kozl 17 no.3:129-133 Mr '65.

1. Hungarian Bureau of Standards, Budapest (for Barat). 2. Commercial Quality Control Institute, Budapest (for Fulop). 3. Ministry of Light Industry, Budapest (for Kiss). 4. Quality Control Institute of the Textile Industry, Budapest (for Oblatt).

FULOP, K.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA. Vol. 64, No. 7/8 July/Aug. 1958~~
                MAGYAR KEMIAI FOLYOIRAT. Vol. 64, No. 7/8 July/ Aug. 1958

Fulop, K. Polarographic behavior of the H_2O_2-OsO system. p. 247

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
                                    February 1959, Unclass.

CA FULOP, L.

The determination of carotene. László Fülöp. *Bull. Faculty Hort. Viticult. Univ. Agr. Sci. Budapest* 10, 152-61(1944)(Pub. 1945).— Detailed expts. with samples of carrots, spinach, and red paprika proved that extn. with petroleum ether gives reliable data without sapon. if direct chromatography is used. For chromatography a CaCO₃ column should be used for carrot and spinach extn., and a Ca(OH)₂ column for red paprika. This modification makes the tedious hot sapon. and the sepn. by means of MeOH unnecessary.   István Finály

RUMANIA / Chemical Technology, Chemical Products and Their   H-17
          Application. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour   : Rof Zhur - Khimiya, No 5, 1959, No. 16515

Author   : Martonfi, L.; Fulop, L.; Sarudi, L.; Szantho, E.
Inst   : Not given
Title   : Problems in the Preparation and Stabilization of Oily
              Contrasting Preparations

Orig Pub   : Rev. mod. (R.P.R.), 1956, 2, No 3, 73-74

Abstract   : The investigation covers possibilities of substitution of
              poppy seed and sesame oils in the contrasting prepara-
              tions (CP). A method of obtaining CP from sunflower
              seed oil is reported. The obtained CP preparation
              conforms with the requirements of the VIII Soviet
              Pharmacopoa in the matter of iodine content, impurities,
              and stability. -- E. Natkhan

Card 1/1

                              H-58

ABS. JOUR. : RZhKhim., No 19, 1959, No. 68770

AUTHOR   : Martonfi, L.: Sarudi, L.: Fulop, L.
INSTITUTE   : -
TITLE   : Study of Problems Involved in the Application of
              Sunflower Oil for Injections
ORIG. PUB. : Rev. med. (RPR), 1958, 4, No 3-4, 200-2 4

ABSTRACT   : With the purpose of developing more complete
              characteristics of sunflower oil used for the
              injections, it is proposed to introduce additional
              specifications into the Rumanian Pharmacopea VII
              that involve application of the Kreys' reaction
              and the establishment of a peroxide number of
              10 for such an oil. It has been established that
              there is no relationship between the acid number
              and the degree of oil deterioration. -- A. Marin

Card: 1/1

FÜLÖP, L.   RUMANIA

Pharmacist

Medical and Pharmaceutical Institute, Tîrgu Mureş, Mureş-Hungarian
Autonomous Regiune.

Bucharest, Farmacia, Revista a Uniunii Societăţilor de Ştiinţe
Medicale din Republica Populara Romîna, No 3, Vol X, Sep 62,
pp 545-549.

"Complexometric Determination of Hypophosphites. I. Complexometric
Titration of Alkaline Hypophosphites." (Paper Compiled in the
Department for Analytical Chemistry, under the direction of Lecturer
P. SOOS, and in the Department for Pharmaceutical Chemistry, under
the direction of L. HARTOMYY, Professor, of the Medical and
Pharmaceutical Institute in Tîrgu Mureş, Mureş-Hungarian Autonomous
Regiune.)

Co-author: BLAZSEK, A.   1 of 2

CSENKAR, Bela, dr.; FULOP, Lajos, dr.

> Buerger's disease causing necrosis of the sigmoid colon.
> Orv. hetil. 105 no.31:1471-1472 2 Ag '64.
>
> 1. Heves Megyei Tanacs Korhaza, I. Sebeszeti Osztaly, Eger.

FULOP, Laszlo (Nagybatony); LACZAY, Ede

      Forum of innovators. Ujit lap 12 no.7:30-31 10 Ap '60.

      1. Ujito (for Laczay).

FULOP, M.

FÜLÖP, M.

FÜLÖP, M. Sliding tables as an efficient device for technical personnel. p. 31.

No. 23, Dec. 1958.
MÜSZAKI ELET.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 8, No. 5, May 1959

FULOP, MARGIT.

Margit neni sutemenyes konyve. (Budapest) Minerva, 1957. 115 p. (Aunt Margit's
pastry book. illus., index)

SO: Monthly Index of East European Accession (EEAI) .C Vol. 7, N~. _. ~?:?

FULOP, S.

FULOP, S.

"Instructions of the Ministry of Light Industry for the Preparation of
Quarterly Plans in Enterprises in 1954", P. 4. (TOERTEPNEIES, Vol. 8,
No. 1, Jan. 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions, (MEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

FULOP, TAMAS

A magyar egeszsegugy szervezete; gyakorlati vezerfonal; egyetemi jegyzet.
Osszellitotta; Fulop Tamas. Fuggeleket osszeallitottak: Bartha Ferenc es
Kondor Laszlo. 1956/57. tanev. (Debrecen) 1956. Budapest, Hungary. 218 p.
and portfolio.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, November 1959,
Uncl.

FULOP, Tamas, Dr.; LEIKES, Gyorgyne, Dr.

Industrial care in the plants of the city of Debrecen. Nepegeszoegugy
39 no.1-2:22-26 Jan-Feb 58.

1. Kozlemeny a Debreceni O vostudomanyi Egyetem Kozegeszsegtani Intexete-
bol (igazgato: Jeney Endre dr. Egyetemi tanar, az orvostudomanyok
doktora).
        (INDUSTRIAL HYGIENE
            med. serv. in factories in Debrecen (Hun))

FULOP, Tamas, Dr.; KONDOR, Laszlo, Dr.

Attempt on the eradication of helminths in the inhabitants of a village suffering from helminthiasis. Nepegeszsegugy 39 no.5-6:145-147 May-June 58.

1. Kozlemeny a Debreceni Orvostudomanyi Egyetem Kozegeszsegtani Intezetebol (igazgato: Jeney Endre dr. egyet. tanar, az orvostudomanyok doktora).
(PIPERAZINES, ther. use
piperazine adipate in inhabitants of a helminth-infected village in Hungary (Hun))

FULOP, Tamas, dr.

Organization of public health and therapeutic and prophylactic services for children in the Soviet Union. Gyermekgyogyaszat 10 no.11:324-330 N '59.

1. Kozlemeny a Debreceni Orvostudomanyi Egyetem Kozegeszsegtani Intezetebol (Igazgato: Jeney Endre dr. egy. tanar, az orvostudomanyok doktora).

(CHILD WELFARE)